



Master Programs

Master Program	Physics of Radiation-Matter Interaction (PIRM)
Master Type	<input type="checkbox"/> M1+ M2 Professional <input type="checkbox"/> M2 Professional <input checked="" type="checkbox"/> M2 Research
Teaching Language	<input type="checkbox"/> English <input checked="" type="checkbox"/> French <input type="checkbox"/> Mixed - English & French
Place of Teaching (Campus)	<input type="checkbox"/> Hadat <input type="checkbox"/> Fanar <input checked="" type="checkbox"/> Tripoli <input type="checkbox"/> Nabatieh
About the Program	The PIRM (Physics of Interaction Radiation and Matter) research master's program provides an advanced, selective education for physics students, focusing on light-matter interaction phenomena. It prepares students for research in fundamental and applied physics. Covering topics like quantum electrodynamics, molecular spectroscopy, and plasma physics, the program combines theoretical knowledge with experimental techniques, producing highly skilled scientists.
Program Learning Outcomes	<ul style="list-style-type: none"> • Analytical Abilities. • Theoretical Proficiency and Experimental Techniques. • Interdisciplinary Knowledge. • Communication Skills, Independent and Collaborative Work.
Fields of Work	<ul style="list-style-type: none"> • Research and Development : Academic Research, National and international Laboratories: Working on large-scale projects related to nuclear physics, particle physics, and radiation science. • Medical Physics : Radiation Therapy, Diagnostic Imaging, Nuclear Medicine. • Teaching and Academia : University Lecturer/Professor, High School Teacher, Educational Outreach and Public Engagement.
Admission Requirements	<p>GPA: Minimum GPA of 55/100 for students from Lebanese University. Minimum GPA of 3.2 for students from outside Lebanese University.</p> <p>Major: <input type="checkbox"/> Chemistry <input type="checkbox"/> Biochemistry <input type="checkbox"/> Animal Biology <input type="checkbox"/> Plant Biology <input type="checkbox"/> Math <input type="checkbox"/> Computer Science <input type="checkbox"/> Electronics <input checked="" type="checkbox"/> Physics </p>
Coordinator of Master Program	<p>Pr. Adnan NAJA</p> <p><u>Contact information:</u> UL Email address: anaja@ul.edu.lb Alternative email: adnan_naja81@yahoo.fr Phone number: +961- 70 – 550 338</p>

